|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Test Design** | **Performance Based Assessment (PBA)** | **End of Year Assessment (EOY)** | **Content Standards Covered** | **Content Statements Eligible for PBA** | **Item Specifications** |
| **Grade 5** | Two part summative online assessment including: **Performance Based Assessment (PBA)** and  **End of Year Assessment (EOY)** | * Content from first ¾ of the year * Administered ¾ of way through the year * 9-12 items = 20 points total * Engage in content with significantly cognitive depth and analysis * **Combination of machine scored and human scored items** | * Content from the entire year * Administered 90% of the way through the year * 36 total points * 50% of the items will be multiple choice with remainder to be short answer/graphic response * **All computer scored** | Earth Science (ES) = 15-17 Total Points  Life Science (LS) = 19-21 Total Points  Space Science (SS) = 19-21 Total Points | **ES:** *Most of the cycles and patterns of motion between the Earth and Sun are predictable*  **LS:** *Organisms perform a variety of roles in an ecosystem*, and  *All of the processes that take place within organisms require energy*  **SS:** *The amount of change in movement of an object is based on the mass of the object and the amount of force exerted,* and  *Light and sound are forms of energy that behave in predictable ways.* | See detailed information on pages 6-27 of Test Specifications: Grade 5 Science Guide |
| **Grade 8** | Two part summative online assessment including: **Performance Based Assessment (PBA)** and  **End of Year Assessment (EOY)** | * Content from first ¾ of the year * Administered ¾ of way through the year * 9-12 items = 20 points total * Engage in content with significantly cognitive depth and analysis   **Combination of machine scored and human scored items** | * Content from the entire year * Administered 90% of the way through the year * 36 total points * 50% of the items will be multiple choice with remainder to be short answer/graphic response   **All computer scored** | Earth Science (ES) = 21-23 Total Points  Life Science (LS) = 16-18 Total Points  Space Science (SS) = 16-18 Total Points | **ES:** *The composition & properties of Earth’s interior are identified by the behavior of seismic waves,* and  *Earth’s crust consists of major & minor tectonic plates that move relative to each other,* and  *A combination of constructive & destructive geologic processes formed Earth’s surface,* and  *Evidence of dynamic changes of Earth’s surface through time is found in the geologic record.*  **LS:** *Diversity of species occurs through gradual processes over many generations. Fossil records provide evidence that changes have occurred in number and types of species.*  **SS:** *Forces have magnitude and direction* | See detailed information on pages 6-36 of Test Specifications: Grade 8 Science Guide |
|  | **Test Design** | **Performance Based Assessment (PBA)** | **End of Year Assessment (EOY)** | **Content Standards Covered** | **Content Statements Eligible for PBA** | **Item Specifications** |
| **Physical Science** | Two part summative online assessment including: **Performance Based Assessment (PBA)** and  **End of Year Assessment (EOY)** | * Content from first ¾ of the year * Administered ¾ of way through the year * 9-12 items = 20 points total * Engage in content with significantly cognitive depth and analysis   **Combination of machine scored and human scored items** | * Content from the entire year * Administered 90% of the way through the year * 36 total points * 50% of the items will be multiple choice with remainder to be short answer/graphic response   **All computer scored** | Matter = 15 – 17 Total Points  Energy and Waves = 15 – 17 Total Points  Forces and Motion = 15 -17 Total Points  The Universe = 7 – 9 Total Points | Matter: Classification of Matter; Atoms & Periodic trends of elements  Energy & Waves: Conservation of Energy; Transfer & transformation of energy; Electricity  Forces & Motion:  Motion, Forces, & Dynamics  The Universe:  Not assessed on PBA | See detailed information on pages 6-31 of Test Specifications: Physical Science Guide |
| **Biology** | Two part summative online assessment including: **Performance Based Assessment (PBA)** and  **End of Year Assessment (EOY)** | * Content from first ¾ of the year * Administered ¾ of way through the year * 9-12 items = 20 points total * Engage in content with significantly cognitive depth and analysis   **Combination of machine scored and human scored items** | * Content from the entire year * Administered 90% of the way through the year * 36 total points * 50% of the items will be multiple choice with remainder to be short answer/graphic response   **All computer scored** | Heredity = 13-15 Total Points  Evolution = 13-15 Total Points  Diversity & Interdependence of Life = 13-15 Total Points  Cells = 13-15 Total Points | Heredity: Cellular genetics; Structure & function of DNA in cells; Genetic Mechanisms & Inheritance; Mutations & Modern Genetics  Evolution: Mechanisms of Evolution; Diversity of Life  Diversity & Interdependence of Life:  Classification systems  Cells:  Not assessed on PBA | See detailed information on pages 6-22 of Test Specifications: Biology Guide |

.